In re: Phibbs, et al. Serial No. 09/747,514

Filed: December 21, 2000

Page 2

The following list of claims will replace all prior versions and listings of claims in the application.

## **Listing of Claims:**

1. (Currently Amended) A method of screening for compounds that inhibit the virulence of *Pseudomonas* bacteria, comprising the steps of:

providing a culture medium comprising *Pseudomonas* bacteria and [[an]] <u>a catabolite</u> repressor control (Crc) protein-mediated amidase operon repressor, wherein the culture medium contains fluoroacetamide in an amount toxic to said bacteria in the absence of said (Crc) protein-mediated amidase operon repressor;

administering a test compound to said bacteria; and then

detecting the poisoning of said bacteria by said fluoroacetamide, wherein the poisoning of said bacteria by said fluoroacetamide indicates said test compound has antivirulence activity against *Pseudomonas* bacteria.

- 2. (Original) A method according to claim 1, wherein said *Pseudomonas* bacteria is selected from the group consisting of *Pseudomonas aeruginosa*, *Pseudomonas multivorans*, *Pseudomonas fluorescens*, and *Pseudomonas putida*.
- 3. (Original) The method according to claim 1, wherein said *Pseudomonas* bacteria is *Pseudomonas aeruginosa*.
  - 4. (Canceled)
- 5. (Previously Presented) The method according to claim 1, wherein said amidase operon repressor is selected from the group consisting of Krebs cycle intermediates and acetate.
- 6. (Currently Amended) The method according to claim 1, wherein said (Crc) protein-mediated amidase operon repressor is succinic acid.

In re: Phibbs, et al. Serial No. 09/747,514

Filed: December 21, 2000

Page 3

- 7. (Previously Presented) The method according to claim 1, wherein said step of detecting the poisoning of said bacteria is carried out by detecting cell death or inhibition of cell growth.
- 8. (Original) The method according to claim 1, wherein said test compound is a member of a combinatorial library.
- 9. (Currently Amended) The method according to claim 1, wherein said test compound is selected from the group consisting of small organic compounds, oligomers and combinations thereof [[an oligonucleotide]].

10-15. (Canceled)

16. (New) A method of screening for compounds that inhibit the virulence of *Pseudomonas* bacteria, comprising the steps of:

providing a culture medium comprising Pseudomonas bacteria;

administering a test compound to said bacteria; and then

detecting the presence or absence of inhibition of the catabolite repression control (Crc) protein in said bacteria, the inhibition of the Crc protein indicating said compound has antivirulence activity against *Pseudomonas* bacteria.